

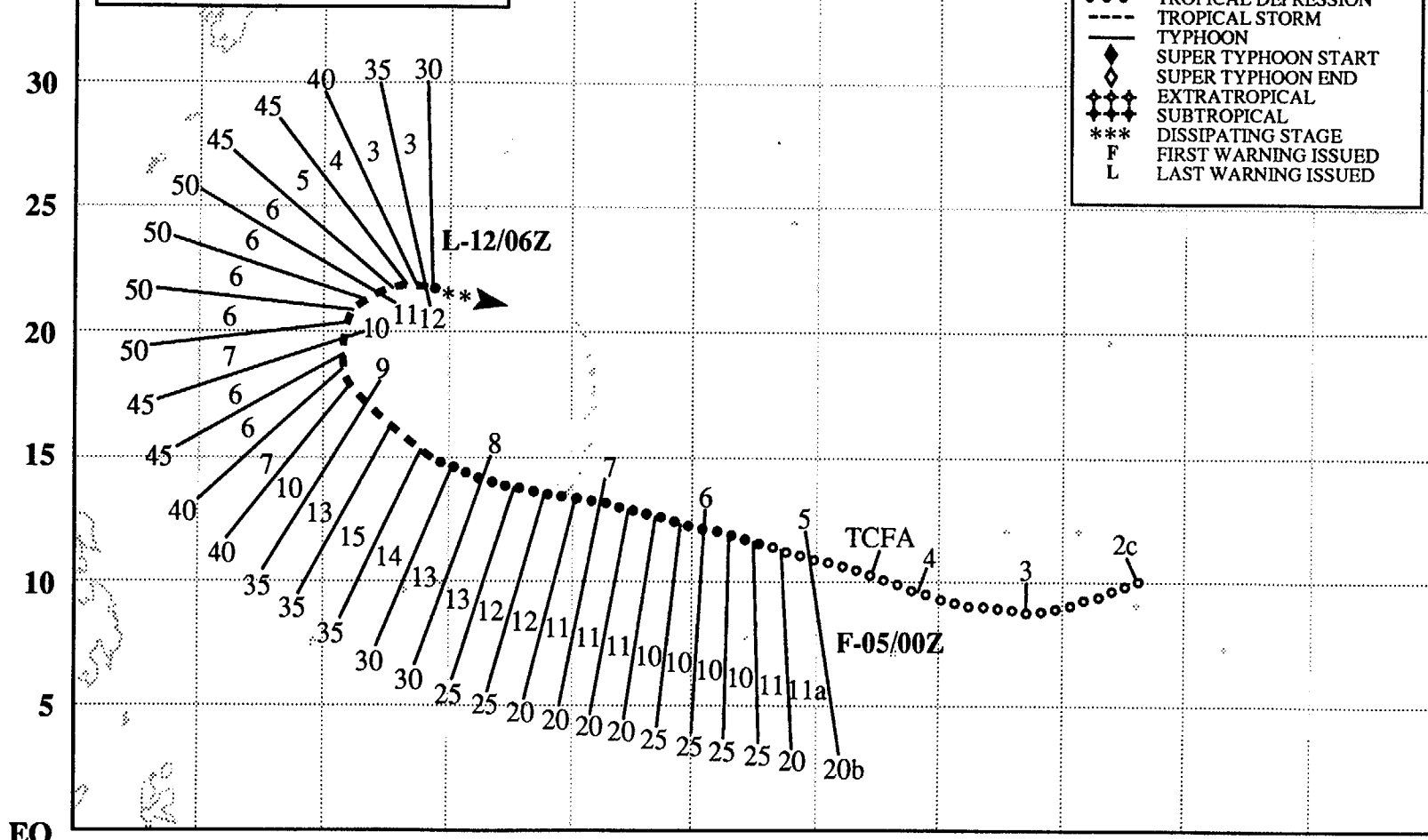
E 125 130 135 140 145 150 155 160 165 170 175 180

N 40

TROPICAL STORM JEANA
 BEST TRACK TC-31W
 02 NOV-12 NOV 93
 MAX SFC WIND 50KT
 MINIMUM SLP 987MB

LEGEND

- 6-HR BEST TRACK POSITION
- a SPEED OF MOVEMENT (KT)
- b INTENSITY (KT)
- c POSITION AT XX/0000Z
- TROPICAL DISTURBANCE
- TROPICAL DEPRESSION
- TROPICAL STORM
- TYPHOON
- ◆ SUPER TYPHOON START
- ◇ SUPER TYPHOON END
- ✚✚✚ EXTRATROPICAL
- ✚✚✚ SUBTROPICAL
- *** DISSIPATING STAGE
- F FIRST WARNING ISSUED
- L LAST WARNING ISSUED



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EQ

TROPICAL STORM JEANA (31W)

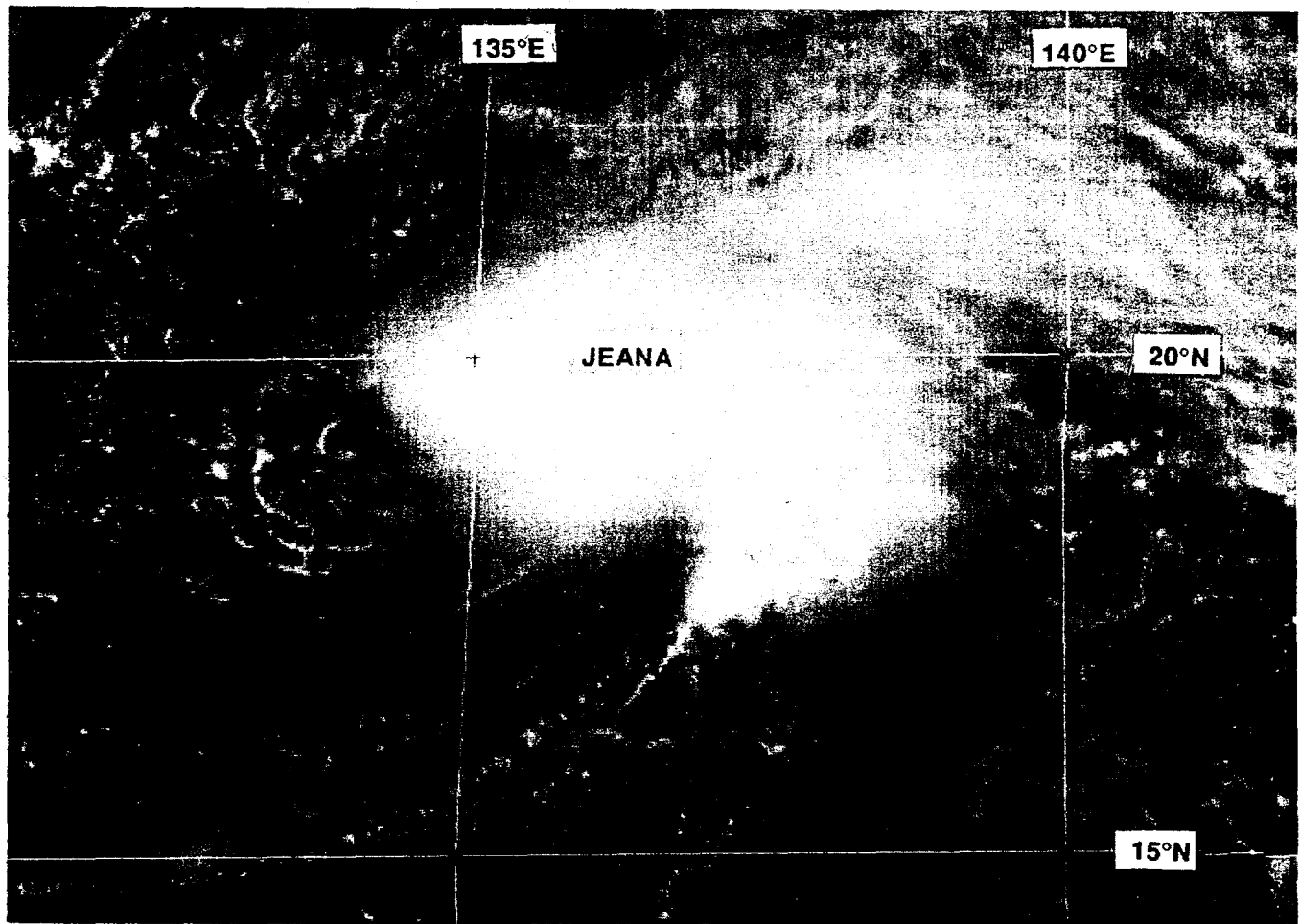


Figure 3-31-1 Still maintaining tropical storm intensity, Jeana begins to weaken as its low-level circulation becomes partially exposed (100531Z November visual GMS imagery).

I. HIGHLIGHTS

The first of four significant tropical cyclones to form during November, Tropical Storm Jeana reached its peak intensity at recurvature and dissipated (Figure 3-31-1). The NEXRAD Doppler radar was instrumental in tracking Jeana during its formative stages near and over Guam.

II. CHRONOLOGY OF EVENTS

November

022300Z - An area of persistent convection within the monsoon trough and near Kwajalein resulted in the first discussion of the disturbance in the Significant Tropical Weather Advisory.

041100Z - A Tropical Cyclone Formation Alert was issued after convection, consolidated near the circulation center.

050000Z - The first warning was issued on Tropical Depression 31W based on increased convective curvature and the first daylight visual satellite imagery which indicated an intensity of 25 kt (13 m/sec

060000Z - Based on a satellite intensity estimate of 30 kt (15 m/sec) and the occurrence of intense con

vection near the circulation center, Jeana was upgraded to a tropical storm. Post-analysis of synoptic and satellite data indicates that Jeana more likely became a tropical storm at 081200Z.

120600Z - The final warning was issued on Jeana as it dissipated over water northwest of the Mariana Islands.

III. IMPACT

None.